

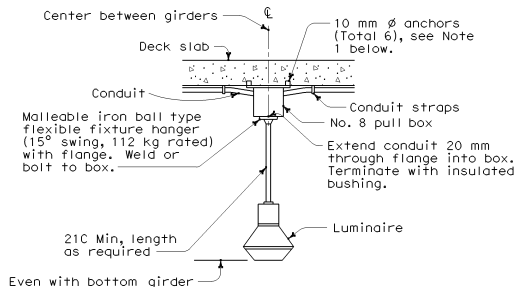
SECTION A-A

## NOTES

1. Place 6 mm plywood disk in body opening during pouring.
2. Install luminaire with axis vertical and "street side" of refractor oriented as indicated on lighting layout.
3. Luminaire shall be located so as to provide minimum clearance of 600 mm from inside surface of girders and 300 mm from near face of diaphragm.
4. Bridge soffit and ceiling pull box should be installed over same lane.

DETAIL F

## FLUSH SOFFIT LUMINAIRE INSTALLATION

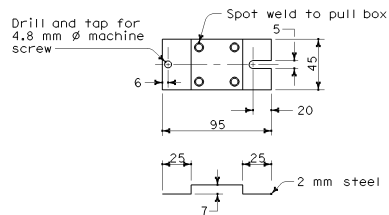


## NOTES

1. Cast-in-place inserts or expansion anchor.
2. For future installation, omit suspension conduit and luminaire, close flange with galvanized plug.
3. If conduit smaller than the knockout size is used, it shall be bonded to the box.

DETAIL P

## PENDANT SOFFIT LUMINAIRE INSTALLATION



## TERMINAL BLOCK MOUNTING BRACKET

Provide one-Size 41 (Total 4) and one-Size 27 (Total 4) knockout on each of four sides. Pound flat after punching.

4-75 mm lengths of 25 mm x 25 mm x 3 mm steel angle welded to box, one per side. Punch 5 mm holes in outstanding leg.

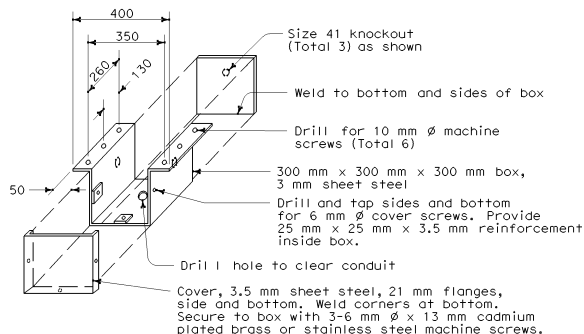
Drill and tap top and bottom flanges for 6 mm Ø 20NC screws

Secure top and bottom covers with eight 6 mm Ø 20NC brass machine screws

## NOTES

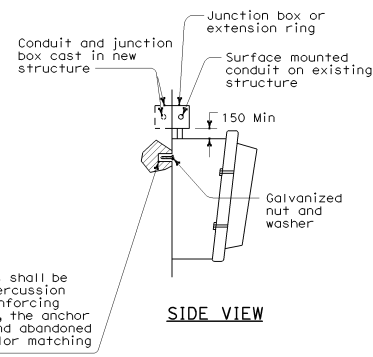
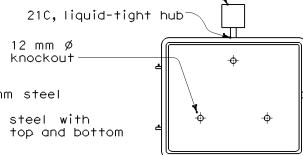
1. Install with bottom flange flush with concrete.
2. Both covers shall be on a box during pouring.

## NO. 7 CEILING PULL BOX



## NO. 8 PULL BOX

130 mm x 150 mm x 100 mm NEMA Type 4 (3,42 mm) junction box (See Notes below)



## NOTES

1. For existing structures, provide external mounting taps (Total 4).
2. For new structures, provide extension ring.

DETAIL W

## WALL LUMINAIRE INSTALLATION

(Typical)

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS  
(ELECTRICAL DETAILS  
STRUCTURE INSTALLATIONS)

NO SCALE

ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

ES-9E



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET TOTAL NO. SHEETS

*Martha V. Shyer*  
REGISTERED ELECTRICAL ENGINEER  
No. E13738  
Exp. 6-30-07  
STATE OF CALIFORNIA

July 1, 2004  
PLANS APPROVAL DATE

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